ARTICLE 7. SULFUR DIOXIDE RULES

Rule 1. Sulfur Dioxide Emission Limitations

326 IAC 7-1-1 Applicability (Repealed)

Sec. 1. *(Repealed by Air Pollution Control Board; filed Aug 28, 1990, 4:50 p.m.: 14 IR 81)*

326 IAC 7-1-2 Sulfur dioxide emission limitations; conflict with local rules (Repealed)

Sec. 2. *(Repealed by Air Pollution Control Board; filed Aug 28, 1990, 4:50 p.m.: 14 IR 81)*

326 IAC 7-1-3 Reporting requirements and methods to determine compliance (Repealed)

Sec. 3. *(Repealed by Air Pollution Control Board; filed Aug 28, 1990, 4:50 p.m.: 14 IR 81)*

326 IAC 7-1-4 Ambient monitoring; reports (Repealed)

Sec. 4. *(Repealed by Air Pollution Control Board; filed Aug 28, 1990, 4:50 p.m.: 14 IR 81)*

326 IAC 7-1-5 Control strategies (Repealed)

Sec. 5. *(Repealed by Air Pollution Control Board; filed Aug 28, 1990, 4:50 p.m.: 14 IR 81)*

326 IAC 7-1-6 Compliance schedules (Repealed)

Sec. 6. *(Repealed by Air Pollution Control Board; filed Aug 28, 1990, 4:50 p.m.: 14 IR 81)*

326 IAC 7-1-7 State implementation plan revisions (Repealed)

Sec. 7. *(Repealed by Air Pollution Control Board; filed Aug 28, 1990, 4:50 p.m.: 14 IR 81)*

326 IAC 7-1-8 Lake County sulfur dioxide limitations (Repealed)

Sec. 8. *(Repealed by Air Pollution Control Board; filed Sep 23, 1988, 11:12 a.m.: 12 IR 268)*

326 IAC 7-1-8.1 Lake County sulfur dioxide emission limitations (Repealed)

Sec. 8.1. *(Repealed by Air Pollution Control Board; filed Aug 28, 1990, 4:50 p.m.: 14 IR 81)*

326 IAC 7-1-9 Marion County sulfur dioxide emission limitations (Repealed)

Sec. 9. *(Repealed by Air Pollution Control Board; filed Aug 28, 1990, 4:50 p.m.: 14 IR 81)*

326 IAC 7-1-10 Vigo County sulfur dioxide emission limitations (Repealed)

Sec. 10. *(Repealed by Air Pollution Control Board; filed Jun 30, 1988, 3:00 pm: 11 IR 3787)*

326 IAC 7-1-10.1 Vigo County sulfur dioxide emission limitations (Repealed)

Sec. 10.1. *(Repealed by Air Pollution Control Board; filed Aug 28, 1990, 4:50 p.m.: 14 IR 81)*

326 IAC 7-1-11 Wayne County sulfur dioxide emission limitations (Repealed)

Sec. 11. *(Repealed by Air Pollution Control Board; filed Aug 28, 1990, 4:50 p.m.: 14 IR 81)*

326 IAC 7-1-12 Laporte County sulfur dioxide emission limitations (Repealed)

Sec. 12. *(Repealed by Air Pollution Control Board; filed Aug 28, 1990, 4:50 p.m.: 14 IR 81)*

326 IAC 7-1-13 Jefferson County sulfur dioxide emission limitations (Repealed)

Sec. 13. *(Repealed by Air Pollution Control Board; filed Aug 28, 1990, 4:50 p.m.: 14 IR 81)*

326 IAC 7-1-14 Sullivan County sulfur dioxide emission limitations (Repealed)

Sec. 14. *(Repealed by Air Pollution Control Board; filed Aug 28, 1990, 4:50 p.m.: 14 IR 81)*

326 IAC 7-1-15 Vermillion County sulfur dioxide emission limitations (Repealed)

Sec. 15. *(Repealed by Air Pollution Control Board; filed Aug 28, 1990, 4:50 p.m.: 14 IR 81)*

326 IAC 7-1-16 Floyd County sulfur dioxide emission limitations (Repealed)

Sec. 16. *(Repealed by Air Pollution Control Board; filed Aug 28, 1990, 4:50 p.m.: 14 IR 81)*

326 IAC 7-1-17 Warrick County sulfur dioxide emission limitations (Repealed)

Sec. 17. *(Repealed by Air Pollution Control Board; filed Aug 28, 1990, 4:50 p.m.: 14 IR 81)*

326 IAC 7-1-18 Morgan County sulfur dioxide emission limitations (Repealed)

Sec. 18. *(Repealed by Air Pollution Control Board; filed Aug 28, 1990, 4:50 p.m.: 14 IR 81)*

326 IAC 7-1-19 Gibson County sulfur dioxide emission limitations (Repealed)

Sec. 19. *(Repealed by Air Pollution Control Board; filed Aug 28, 1990, 4:50 p.m.: 14 IR 81)*

326 IAC 7-1-20 Dearborn County sulfur dioxide emission limitations (Repealed)

Sec. 20. *(Repealed by Air Pollution Control Board; filed Aug 28, 1990, 4:50 p.m.: 14 IR 81)*

326 IAC 7-1-21 Porter County sulfur dioxide emission limitations (Repealed)

Sec. 21. *(Repealed by Air Pollution Control Board; filed Aug 28, 1990, 4:50 p.m.: 14 IR 81)*

Rule 1.1. Sulfur Dioxide Emission Limitations

326 IAC 7-1.1-1 Applicability

Authority: IC 13-14-8; IC 13-17-3-4; IC 13-17-3-11; IC 13-17-3-12
Affected: IC 13-15; IC 13-17

Sec. 1. All facilities with a potential to emit twenty-five (25) tons per year or ten (10) pounds per hour of sulfur dioxide shall comply with the limitations in section 2 of this rule and the compliance test methods in 326 IAC 7-2. The above facilities shall also comply with the sulfur dioxide emission limitations and other requirements pursuant to 326 IAC 2, 326 IAC 7-4, and 326 IAC 12. *(Air Pollution Control Board; 326 IAC 7-1.1-1; filed Aug 28, 1990, 4:50 p.m.: 14 IR 52; filed Apr 22, 1997, 2:00 p.m.: 20 IR 2368; filed Dec 20, 2001, 4:30 p.m.: 25 IR 1600)*

326 IAC 7-1.1-2 Sulfur dioxide emission limitations

Authority: IC 13-14-8; IC 13-17-3-4; IC 13-17-3-11; IC 13-17-3-12
Affected: IC 13-15; IC 13-17

Sec. 2. (a) Sulfur dioxide emissions from fuel combustion facilities shall be limited as follows, unless specified otherwise in 326 IAC 7-4 or in a construction permit issued pursuant to 326 IAC 2:

(1) Six and zero-tenths (6.0) pounds per million Btu for coal combustion.

(2) One and six-tenths (1.6) pounds per million Btu for residual oil combustion.

(3) Five-tenths (0.5) pound per million Btu for distillate oil combustion.

(b) For facilities combusting coal and oil simultaneously, the sulfur dioxide emission limitation shall be six and zero-tenths (6.0) pounds per million Btu. For facilities combusting oil and any fuel other than coal simultaneously, the sulfur dioxide emission limitation shall be the limitation specified in subsection (a)(2) or (a)(3), depending on the type of oil combusted. For the purposes of this subsection, simultaneous combustion of coal and oil shall include those periods of startup, shutdown, and flame stabilization required under normal facility operations. *(Air Pollution Control Board; 326 IAC 7-1.1-2; filed Aug 28, 1990, 4:50 p.m.: 14 IR 52; filed Apr 22, 1997, 2:00 p.m.: 20 IR 2369; filed Dec 20, 2001, 4:30 p.m.: 25 IR 1600)*

Rule 2. Compliance

326 IAC 7-2-1 Reporting requirements; methods to determine compliance

Authority: IC 13-14-8; IC 13-17-3-4; IC 13-17-3-11
Affected: IC 13-14-8; IC 13-15; IC 13-17

Sec. 1. (a) As used in this article, "weighing factor" means the daily quantity of coal bunkered or megawatt generation or other appropriate measure of the output of a combustion source.

(b) As used in this article, "rolling weighted average sulfur dioxide emission rate" means the summation of the average sulfur dioxide emission rate times the daily weighing factor divided by the summation of the weighing factors.

(c) Owners or operators of sources or facilities subject to 326 IAC 7-1.1 or 326 IAC 7-4 shall submit to the commissioner the following reports based on fuel sampling and analysis data obtained in accordance with procedures specified under 326 IAC 3-7:

(1) Fuel combustion sources with total coal-fired heat input capacity greater than or equal to one thousand five hundred (1,500) million British thermal units (Btus) per hour shall submit quarterly reports of the thirty (30) day rolling weighted average sulfur dioxide emission rate in pounds per million Btus. Records of the daily average coal sulfur content, coal heat content, weighing factor, and daily average sulfur dioxide emission rate in pounds per million Btus shall be submitted to the department in the quarterly report and maintained by the source owner or operator for a period of at least two (2) years.

(2) Fuel combustion sources with total coal-fired heat input capacity greater than one hundred (100) and less than one thousand five hundred (l,500) million Btus per hour shall submit quarterly reports of the calendar month average coal sulfur content, coal heat content, and sulfur dioxide emission rate in pounds per million Btus and the total monthly coal consumption.

(3) All other fuel combustion sources shall submit reports of calendar month average sulfur content, heat content, fuel consumption, and sulfur dioxide emission rate in pounds per million Btus upon request.

(d) Compliance or noncompliance with the emission limitations contained in 326 IAC 7-1.1 or 326 IAC 7-4 may be determined by a stack test conducted in accordance with 326 IAC 3-6 utilizing procedures outlined in 40 CFR 60*, Appendix A, Method 6, 6A, 6C, or 8.

(e) Fuel sampling and analysis data shall be collected pursuant to the procedures specified in 326 IAC 3-7-2 or 326 IAC 3-7-3 for coal combustion or 326 IAC 3-7-4 for oil combustion, and these data may be used to determine compliance or noncompliance

with the emission limitations contained in 326 IAC 7-1.1 or 326 IAC 7-4. Computation of calculated sulfur dioxide emission rates from fuel sampling and analysis data shall be based on the emission factors contained in U.S. EPA publication AP-42, "Compilation of Air Pollutant Emission Factors" (September 1988)*, unless other emission factors based on site-specific sulfur dioxide measurements are approved by the commissioner and the U.S. EPA. Fuel sampling and analysis data shall be collected as follows:

(1) For coal-fired fuel combustion sources with heat input capacity greater than or equal to one thousand five hundred (l,500) million Btus per hour, compliance or noncompliance shall be determined using a thirty (30) day rolling weighted average sulfur dioxide emission rate in pounds per million Btus unless a shorter averaging time or alternate averaging methodology is specified for a source under this article.

(2) For all other combustion sources, compliance or noncompliance shall be determined using a calendar month average sulfur dioxide emission rate in pounds per million Btus unless a shorter averaging time or alternate averaging methodology is specified for a source under this article.

(f) A determination of noncompliance pursuant to either the method specified in subsection (d) or (e) shall not be refuted by evidence of compliance pursuant to the other method.

(g) Upon written notification of a facility owner or operator to the department, continuous emission monitoring data collected and reported pursuant to 326 IAC 3-5 may be used as the means for determining compliance with the emission limitations in this article. Upon such notification, the other requirements of this rule shall not apply.

*Copies of the Code of Federal Regulations (CFR) and AP-42 referenced may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401. Copies of pertinent sections are also available at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Room 1001, Indianapolis, Indiana 46204. *(Air Pollution Control Board; 326 IAC 7-2-1; filed Aug 28, 1990, 4:50 p.m.: 14 IR 52; filed Jan 30, 1998, 4:00 p.m.: 21 IR 2078; errata filed Feb 9, 1999, 4:06 p.m.: 22 IR 2006; readopted filed Jan 10, 2001, 3:20 p.m.: 24 IR 1477; errata filed Nov 7, 2001, 3:00 p.m.: 25 IR 813; errata filed Dec 12, 2002, 3:30 p.m.: 26 IR 1565)*

Rule 3. Ambient Monitoring

326 IAC 7-3-1 Applicability

Authority: IC 13-14-8; IC 13-17-3-4; IC 13-17-3-11; IC 13-17-3-12
Affected: IC 13-15; IC 13-17

Sec. 1. Sources with total actual emissions of sulfur dioxide greater than ten thousand (10,000) tons per year are subject to the requirements of this rule. *(Air Pollution Control Board; 326 IAC 7-3-1; filed Aug 28, 1990, 4:50 p.m.: 14 IR 53; filed Apr 22, 1997, 2:00 p.m.: 20 IR 2369; filed Dec 20, 2001, 4:30 p.m.: 25 IR 1600)*

326 IAC 7-3-2 Ambient monitoring

Authority: IC 13-1-1-4; IC 13-7-7
Affected: IC 13-1-1-1; IC 13-1-1-4; IC 13-7

Sec. 2. (a) The source owner or operator shall install and operate continuous ambient sulfur dioxide air quality monitors and a meteorological data acquisition system according to a monitoring plan submitted to the commissioner for approval. At a minimum, the monitoring plan shall contain the following requirements:

(1) Installation and operation of one (1) or two (2) air quality monitors and one (1) meteorological instrumentation system capable of measuring wind speed and wind direction at a height of at least ten (10) meters above grade. The monitor shall be located in areas of expected maximum ambient concentration as determined by methods acceptable to the commissioner.

(2) Reporting of the air quality and meteorological data in a format specified by the commissioner within ninety (90) days after the end of each calendar quarter.

(3) Operation of the air quality monitor and meteorological instrumentation in accordance with a quality assurance program specified by the commissioner.

(b) A monitoring plan shall be submitted to the department prior to October 1, 1991. The commissioner may require that the monitoring plan be modified, at any time, consistent with the requirements of this section.

(c) Source owners or operators subject to the requirements of this rule, located in the same county, may submit a joint

monitoring plan to satisfy the requirements of this rule. The joint monitoring plan shall specify the responsible owner or operator for each requirement in subsection (a). Upon approval by the commissioner, the joint monitoring plan may contain fewer than two (2) air quality monitors and one (1) meteorological station per owner or operator.

(d) A source owner or operator may petition the commissioner for an administrative waiver of all or some of the requirements of this section if such owner or operator can demonstrate that ambient monitoring is unnecessary to determine continued maintenance of the sulfur dioxide ambient air quality standards in the vicinity of the source. The demonstration shall address uncertainties in any air quality dispersion models used in the demonstration and shall address the adequacy of any existing monitoring data to characterize the worst-case ambient concentrations in the vicinity of the source. A waiver shall be effective upon written approval by the commissioner. The commissioner may establish conditions in the approval of a waiver to assure compliance with the provisions of this article. Failure to continuously meet the requirements for obtaining a waiver or failure to comply with any condition contained in the approval of a waiver shall render void any waiver issued. *(Air Pollution Control Board; 326 IAC 7-3-2; filed Aug 28, 1990, 4:50 p.m.: 14 IR 53)*

Rule 4. Emission Limitations and Requirements by County

326 IAC 7-4-1 Lake County sulfur dioxide emission limitations (Repealed)

Sec. 1. *(Repealed by Air Pollution Control Board; filed Aug 8, 1991, 10:00 a.m.: 14 IR 2218)*

326 IAC 7-4-1.1 Lake County sulfur dioxide emission limitations

Authority: IC 13-14-8; IC 13-17-3-4; IC 13-17-3-11
Affected: IC 13-15; IC 13-17

Sec. 1.1. (a) All fossil fuel-fired combustion sources and facilities subject to 326 IAC 7-1.1 located in Lake County shall burn natural gas only, unless an alternative sulfur dioxide emission limit is provided in subsection (b) or (c). A facility subject to 326 IAC 7-1.1, but not located at a source specifically listed in subsection (b) or (c), may burn distillate oil with sulfur dioxide emissions limited to three-tenths (0.3) pounds per million Btu if the fuel combustion unit has a maximum capacity of less than twenty (20) million Btu per hour actual heat input.

(b) The following sources and facilities located in Lake County shall burn natural gas or distillate oil, and sulfur dioxide emissions shall be limited to three-tenths (0.3) pounds per million Btu:

(1) American Can Co.–coil coating oven and three (3) incinerators.
(2) American Steel-Hammond–furnaces; Boiler 4-5509.
(3) C & A Wallcovering–boiler.
(4) Keil Chemical–Boilers B-3, B-4, and B-5.
(5) Keyes Fibre–FM boiler.
(6) National Briquette–dryer.
(7) U.S. Gypsum–perlite expander burner, gypsum calcining kettle.
(8) U.S. Reduction–preheat melting pot exhaust, reverberatory furnaces 1-5.

(c) The following sources and facilities located in Lake County shall comply with the sulfur dioxide emission limitations in pounds per million Btu, unless otherwise specified, and other requirements:

Source	Facility Description	Emission Limitations
(1) AMAIZO	(A) Boilers 6, 7, 8, and 10	2.07 each (784 pounds per hour total)
	(B) Record keeping requirements: (i) AMAIZO shall maintain records of average sulfur content, fuel oil usage, and boiler operating load for each hour in which any boiler operates on fuel oil.	

	(ii) AMAIZO shall submit a report to the department within thirty (30) days after the end of each calendar quarter containing the records listed in this clause and a calculation of the total sulfur dioxide emissions from all boilers for each hour.	
(2) AMOCO	(A) No. 1 Power Station Boilers 1, 2, 3, 4, 5, 6, and 7:	
	Prior to September 1, 1990	0.395 each
	On and after September 1, 1990	0.2 each
	(B) No. 1 Power Station Boiler 8:	
	Prior to September 1, 1990	0.395
	On and after September 1, 1990	0.033
	(C) No. 3 Power Station Boilers 1, 2, 3, 4, and 6	0.4
	(D) No. 11 Pipe Still:	
	H-1X Heater	0.407
	H-2 Vacuum Heater	0.418
	H-3 Vacuum Heater	0.404
	H-101, 102, 103, and 104 Coker Preheaters	0.033 each
	H-200 Crude Charge	0.411
	H-300 Furnace	0.402
	(E) No. 12 Pipe Still:	
	H-1A, H-1B Preheaters, and H-2 Vacuum Heater	0.32 each
	H-1CN, H-1CX, and H-1CS Crude Preheaters	0.033 each
	(F) No. 2 Isomerization:	
	H-1 Feed Heater Furnace	0.034
	F-7 Furnace	0.035
	(G) No. 3 Ultraformer:	
	H-1 Feed Heater Furnace	0.033
	H-2 Feed Heater Furnace	0.034
	F-7 Furnace	0.035
	Waste Heat Recovery	0.033
	(H) No. 4 Ultraformer:	
	F-1 Ultrafiner Furnace	0.034
	F-8A and F-8B Reboilers, F-2 Preheat Furnace, F-3 No. 1 Reheat Furnace, F-4, F-5, and F-6 Reheat Furnaces, and F-7 Furnace	0.033 each
	(I) Aeromatic Recovery Unit F-200A and F-200B Furnace	0.035
	(J) Blending Oil Desulfurization Furnace F-401	0.034
	(K) No. 1 CRU F-101 Feed Preheater, F-102 Stripper Reboiler, F-201 Steam Superheater, and F-202 Butamer Superheater	0.04 each
	(L) FCU 500	50.0 pounds per ton coke burned
	(M) FCU 600	35.0 pounds per ton coke burned
	(N) No. 37 Pipe Still:	
	B-1 Feed Preheater	0.223
	B-2 Wax Fractioner	0.223
	(O) NMP Extraction Unit:	
	B-105 Furnace	0.29
	B-106 Furnace	0.034
	(P) Wastewater Sludge Fluid Bed Incinerator	0.05 pounds per ton feed material
	(Q) Oil Hydrotreating Unit	0.04

	(R) Asphalt Oxidizer No. 1 Incinerator	0.002 pounds per ton feed material
	(S) Asphalt Oxidizer No. 2 Incinerator	0.168 pounds per ton feed material
	(T) Asphalt Oxidizer No. 3 Incinerator	0.16 pounds per ton feed material
	(U) Cat Feed Hydrotreating Unit	0.035
	(V) Tail Gas Unit	18.83 pounds per ton feed material
	(W) Heavy Oils Unit H-101, H-201, H-202	0.04 each
	(X) Sulfur Recovery Unit Incinerator	0.033
	(Y) F-1 Berry Lake Distillate Heater	0.033
	(Z) F-100 Marine Docks Distillate Heater	0.013
	(AA) F-2 Steiglitz Park Residual Heater	0.328
	(BB) Grease Works Heater	0.034
	(CC) Record keeping requirements: (i) AMOCO shall maintain daily records of fuel type, average sulfur content for each fuel type, average fuel gravity for each fuel type, and total fuel usage for each type for the No. 1 Power Station, the No. 3 Power Station, the NMP Extraction Unit, the No. 11 Pipe Still, the No. 12 Pipe Still, and the No. 37 Pipe Still. (ii) AMOCO shall maintain records of daily fuel type, average sulfur content, and average fuel gravity for each facility specified in this subdivision with sulfur dioxide emission limitations less than four-hundredths (0.04) pounds per million Btu. (iii) AMOCO shall maintain records of daily calculated coke burn and sulfur content of the oil feed for the FCU 500 and FCU 600 and of Claus Train sulfur production, average hydrogen sulfide to sulfur dioxide ratio, fuel gas burned at the incinerator, and total sulfur content of the Tail Gas Unit effluent. (iv) AMOCO shall submit a report to the department within thirty (30) days after the end of each calendar quarter containing the average daily sulfur dioxide emission rate for the facilities specified in items (i) through (iii). AMOCO shall also submit to the department the total daily fuel usage for each fuel type for the No. 1 Power Station, the No. 3 Power Station, the No. 11 Pipe Still, and the No. 12 Pipe Still and the total daily calculated sulfur dioxide emissions from the FCU 500 and FCU 600 in the quarterly report required under this item.	
(3) Associated Box	Space Heating Boiler	0.03
(4) Bucko Construction	Rotary Dryer	0.07 pounds per ton
(5) Commonwealth Edison	(A) Auxiliary Emergency Generator	0.3
	(B) Boilers 1-3 and 1-4	1.2 each
(6) East Chicago Incinerator	Incinerator Units	2.5 pounds per ton municipal waste per unit
(7) Georgia Pacific	Boiler 1	1.2
(8) Harbison Walker	Tunnel Kilns 1 and 2	0.03 (0.28 pounds per ton each)
(9) Horace Mann School	3 Boilers	6.0 each

(10) Inland Steel

(A) Prior to January 1, 1992, Inland Steel shall comply with the sulfur dioxide emission limitations in pounds per million Btu, unless otherwise specified, and other requirements as follows:

(i) 76 inch Hot Strip Mill Reheat Furnaces 1, 2, and 3, 12 inch Bar Mill Reheat Furnace, and No. 3 Cold Strip Annealing 5 and 6	natural gas only
(ii) No. 1 and 2 Blast Furnace Stoves	0.08 each
(iii) No. 5 and 6 Blast Furnace Stoves	0.625
(iv) No. 7 Blast Furnace Stoves	0.146 (121 pounds per hour)
(v) 'A' and 'B' Blast Furnace Stoves	0.612 each
(vi) No. 6, 7, 8, 9, and 10 Coke Battery Underfire Stacks	2.245 each
(vii) No. 11 Coke Battery Underfire and Ammonia Destruct Device	1.086
(viii) No. 11 Coke Battery Preheaters 1 and 2	0.335 each
(ix) No. 5 Boilerhouse Boilers 501, 502, and 503	0.104
(x) 2AC Station Boilers 207, 208, 209, 210, 211, 212, and 213	0.228 each
Only five (5) of the seven (7) 2AC Station Boilers may operate at the same time.	
(xi) 3AC Station Boilers 301, 302, 303, 304, and 305	0.757 each
(xii) 4AC Station:	
(AA) Stack 1 (Boilers 401 and 402) and Stack 2 (Boilers 403 and 404)	1.5 per stack
(BB) Stack 3 (Boiler 405)	1.0
(CC) Sulfur dioxide emissions from Stacks 1, 2, and 3 shall be limited in accordance with the following equation in units of pounds per million Btu: $(\text{Stack 1} + \text{Stack 2})/2 + 0.425 \times \text{Stack 3} \leq 1.6$ If any one (1) of Boilers 401 through 405 is not operating for a given calendar day, the pounds per million Btu for Stack 3 for the purposes of the equation in this subitem is twenty-four hundredths (0.24) pounds per million Btu.	
(DD) Inland Steel shall maintain and operate sulfur dioxide continuous emission monitoring systems (CEMS) in Stacks 1, 2, and 3. CEMS data shall be used to determine compliance and to determine the sulfur dioxide emission rate in pounds per million Btu for the report required under clause (D)(iii). The CEMS shall be operated in accordance with the procedures specified in 326 IAC 3-1.1 *[326 IAC 3-1.1 was repealed filed Jan 30, 1998, 4:00 p.m.: 21 IR 2079.]*, and records of hourly emissions data shall be maintained and made available to the department upon request.	
(xiii) Sinter Plant Windbox	167 pounds per hour
(xiv) 100 inch Plate Mill Reheat Furnace	0.851
(xv) Lime Plant Firing	0.46
(xvi) No. 4 Slabber Soaking Pits 1-45	1.914
(xvii) No. 2 Bloomer Mill Soaking Pits 1-20	1.96
(xviii) 10 inch Bar Mill Reheat Furnace	0.0
(xix) 80 inch Hot Strip Mill Reheat Furnaces 1, 2, 3, and 4:	
Prior to May 31, 1990	0.492 each
After May 31, 1990	natural gas only
(xx) 28 inch Bar Mill Reheat Furnaces 2, 3, and 4	1.96 each
Only two (2) of three (3) furnaces may operate at the same time.	

(xxi) No. 2 Cold Strip Annealing Furnaces 3 and 4	1.96

(B) By January 1, 1992, Inland Steel shall construct and begin operation of a coke oven gas desulfurization facility at Plant 2 in order to achieve the emission limitations in clause (C), according to the following schedule:

Compliance Element	Completion Deadline
(i) Complete engineering	July 31, 1990
(ii) Purchase major equipment	September 30, 1990
(iii) Begin construction	January 31, 1991
(iv) Complete construction	October 31, 1991
(v) Start up facility	November 30, 1991
(vi) Test facility performance	December 31, 1991

(C) Beginning January 1, 1992, Inland Steel shall comply with the sulfur dioxide emission limitations in pounds per million Btu, unless otherwise specified, and other requirements as follows:

(i) 76 inch Hot Strip Mill Reheat Furnaces 1, 2, and 3, 12 inch Bar Mill Reheat Furnace, and No. 3 Cold Strip Annealing 5 and 6	natural gas only
(ii) No. 1 and 2 Blast Furnace Stoves	0.08 each
(iii) No. 5 and 6 Blast Furnace Stoves	0.140 each
(iv) No. 7 Blast Furnace Stoves	0.146
(v) 'A' and 'B' Blast Furnace Stoves	0.138 each
(vi) No. 6, 7, 8, 9, and 10 Coke Battery Underfire Stacks	0.51 each
(vii) No. 6 Coke Battery Underfire	82.1 pounds per hour
(viii) No. 11 Coke Battery Underfire and Ammonia Destruct Device	1.086 (352.9 pounds per hour)
(ix) No. 11 Coke Battery Preheaters 1 and 2	0.335 each (26.8 pounds per hour total)
(x) No. 5 Boilerhouse Boilers 501, 502, and 503	0.104
(xi) 2AC Station Boilers 207, 208, 209, 210, 211, 212, and 213	0.228
Only five (5) of the seven (7) 2AC Station Boilers may operate at the same time.	
(xii) 3AC Station Boilers 301, 302, 303, 304, and 305	0.170 each
(xiii) 4AC Station:	
(AA) Stack 1 (Boilers 401 and 402) and Stack 2 (Boilers 403 and 404)	1.5 per stack
(BB) Stack 3 (Boiler 405)	1.0

(CC) Sulfur dioxide emissions from Stacks 1, 2, and 3 shall be limited in accordance with the following equation in units of pounds per million Btu:

$$(\text{Stack 1} + \text{Stack 2})/2 + 0.425 \times \text{Stack 3} \leq 1.6$$

If any one (1) of Boilers 401 through 405 is not operating for a given calendar day, the pounds per million Btu for Stack 3 for the purposes of the equation in this subitem is twenty-four hundredths (0.24) pounds per million Btu.

	(DD) Inland Steel shall maintain and operate sulfur dioxide continuous emission monitoring systems (CEMS) in Stacks 1, 2, and 3. CEMS data shall be used to determine compliance and to determine the sulfur dioxide emission rate in pounds per million Btu for the report required under clause (D)(iii). The CEMS shall be operated in accordance with the procedures specified in 326 IAC 3-1.1 *[326 IAC 3-1.1 was repealed filed Jan 30, 1998, 4:00 p.m.: 21 IR 2079.]*, and records of hourly emissions data shall be maintained and made available to the department upon request.	
	(xiv) Sinter Plant Windbox	167 pounds per hour
	(xv) 100 inch Plate Mill Reheat Furnace	0.851
	(xvi) Lime Plant Firing	0.46
	(xvii) No. 4 Slabber Soaking Pits 1-45	0.285
	(xviii) No. 2 Bloomer Mill Soaking Pits 1-20	0.286
	(xix) 10 inch Bar Mill Reheat Furnace	0.0
	(xx) 80 inch Hot Strip Mill Reheat Furnaces 1, 2, 3, and 4	natural gas only
	(xxi) 28 inch Bar Mill Reheat Furnaces 2, 3, and 4 Only two (2) of three (3) furnaces may operate at the same time.	0.286 each
	(xxii) No. 2 Cold Strip Annealing Furnaces 3 and 4	0.286
	(D) Record keeping requirements: (i) Inland Steel shall maintain records of the total Plant 2 coke oven gas, Coke Battery 11 coke oven gas, blast furnace gas, fuel oil, and natural gas usage for each day at each facility listed in clause (A) or (C). (ii) Inland Steel shall maintain records of the average sulfur content and heating value for each day for each fuel type used during the calendar quarter and of the operational status of 2AC Station Boilers 207, 208, 209, 210, 211, 212, and 213, 4AC Station Boilers 401, 402, 403, 404, and 405, and the twenty-eight (28) inch Bar Mill reheat furnaces. (iii) Inland Steel shall submit to the department within thirty (30) days of the end of each calendar quarter the calculated sulfur dioxide emission rate in pounds per million Btu for each facility for each day during the calendar quarter, the total fuel usage for each type at each facility for each day, and any violations of clause (A)(x), (A)(xx), (C)(xi), or (C)(xxi).	
(11) Kaiser	Rotary Kiln	21.6 pounds per ton of coke
(12) Lehigh Portland Cement	KKI Calcinator Aluminate Kiln	7.0 pounds per ton of process material
(13) Lever Brothers	(A) Boilers 2, 3, and 4	1.52 each
	(B) Dowtherm Boiler, Defi Process	1.6
	(C) Sulfonation Process	3.1 pounds per ton process material
	(D) Dowtherm Boiler, Detergent Bar Soap	0.087
(14) LTV Steel	(A) Utility Boilers: (i) No. 3, 4, 5, 6, 7, and 8	0.896 each
	(ii) Total actual heat input from fuel oil and/or desulfurized coke oven gas usage at all boilers combined shall not exceed nine hundred ninety-three (993) million Btu per hour. (iii) Boilers shall be fired on fuel oil, blast furnace gas, desulfurized coke oven gas, and natural gas only.	

	(iv) Fuel oil burned shall not exceed one and three-tenths percent (1.3%) sulfur and one and thirty-five hundredths (1.35) pounds per million Btu.	
	(B) Hot Strip Mill Slab Heat Reheat Furnaces 1, 2, and 3	1.254 each (535.1 pounds per hour each)
	(C) Sinter Plant Windbox	1.0 pound per ton and 240 pounds per hour
	(D) No. 1, 2, 3, and 4 Blast Furnace Stoves	0.024 each
	(E) No. 2 Sheet Mill Crimson Boilers 7 and 8 and No. 2 Slab Mill Furnaces	natural gas only
	(F) No. 3, 4, and 9 Coke Battery Underfire Stacks	0.177 each
	(G) Record keeping requirements:	
	(i) LTV shall maintain records of the total coke oven gas, blast furnace gas, fuel oil, and natural gas usage for each day at each facility listed in clauses (A) through (F).	
	(ii) LTV shall maintain records of the average sulfur content and heating value for each day for each fuel type used during the calendar quarter.	
	(iii) LTV shall submit to the department within thirty (30) days of the end of each calendar quarter the calculated sulfur dioxide emission rate in pounds per million Btu for each facility for each day during the calendar quarter and the total fuel usage for each type at each facility for each day.	
(15) Marblehead Lime	(A) Rotary Kilns 1-5	240 pounds per hour total (80 pounds per hour for any one (1) kiln)
	(B) Sulfur dioxide emissions shall be vented from the kilns/kiln gas filter systems at the following heights above grade:	
	Kiln Number	Stack Height (in feet)
	(i) Kiln No. 1	80
	(ii) Kiln No. 2	87
	(iii) Kiln No. 3	87
	(iv) Kiln No. 4	95
	(v) Kiln No. 5	89
(16) Methodist Hospital	Boiler 1	0.61
(17) NIPSCo Mitchell	(A) Gas Turbines 9A, 9B, and 9C	natural gas only
	(B) Boilers 4, 5, 6, and 11	
	(i) Operation under either subitem *[item]* (ii)(BB) or (ii)(CC) shall only be allowed provided that a nozzle is in the stack serving boiler numbers 4 and 5 such that the stack diameter is restricted to eight and three-tenths (8.3) feet.	
	(ii) Sulfur dioxide emissions for boilers operating under the scenarios listed in subitems (AA), (BB), and (CC) *[this item]* shall be measured as a daily weighted average by the continuous emissions monitoring systems (CEMS) required in clause (D). NIPSCo may operate under any one (1) of the following scenarios:	
	(AA) Boiler numbers 4, 5, 6, and 11 may operate simultaneously under the following conditions:	

(aa) One (1) of boiler number 4 or 5 may operate on coal if the other boiler is operated on natural gas or is not operating. Sulfur dioxide emissions from the stack serving boiler numbers 4 and 5 shall be limited to one and five-hundredths (1.05) pounds per million Btu and one thousand three hundred thirteen (1,313.0) pounds per hour.

(bb) Boiler numbers 6 and 11 may operate simultaneously on coal. Sulfur dioxide emissions from the stack serving boiler numbers 6 and 11 shall be limited to one and five-hundredths (1.05) pound per million Btu and two thousand four hundred seventy-five (2,475.0) pounds per hour.

(BB) Boiler numbers 4, 5, 6, and 11 may operate simultaneously on coal subject to the following conditions:

(aa) Sulfur dioxide emissions from the stack serving boiler numbers 4 and 5 shall be limited to seventy-seven hundredths (0.77) pound per million Btu and one thousand nine hundred twenty-five (1,925.0) pounds per hour.

(bb) Sulfur dioxide emissions from the stack serving boiler numbers 6 and 11 shall be limited to seventy-seven hundredths (0.77) pound per million Btu and one thousand eight hundred fifteen (1,815.0) pounds per hour.

(CC) One (1) set of either boiler numbers 4 and 5 or 6 and 11 may operate on coal, if the other set is not operating, subject to the following conditions:

(aa) Sulfur dioxide emissions from the stack serving boiler numbers 4 and 5 shall be limited to one and five-hundredths (1.05) pounds per million Btu and two thousand six hundred twenty-five (2,625.0) pounds per hour.

(bb) Sulfur dioxide emissions from the stack serving boiler numbers 6 and 11 shall be limited to one and five-hundredths (1.05) pounds per million Btu and two thousand four hundred seventy-five (2,475.0) pounds per hour.

(iii) NIPSCo shall maintain a daily log of the following for boiler numbers 4, 5, 6, and 11:

(AA) Fuel type.

(BB) Transition time of changes between or within operating scenarios.

The log shall be maintained for a minimum of five (5) years and shall be made available to the department and U.S. EPA upon request.

(iv) Emission limits shall be maintained during transition periods within or between operating scenarios.

(C) Prior to September 30, 1990, NIPSCo shall install a nozzle in the stack serving Boilers 6 and 11 such that the stack diameter is restricted to eight and three-tenths (8.3) feet.

	(D) Beginning May 31, 1992, NIPSCo shall maintain and operate CEMS in the stacks serving Boilers 4, 5, 6, and 11. The CEMS shall be operated in accordance with the procedures specified in 326 IAC 3-1.1 *[326 IAC 3-1.1 was repealed filed Jan 30, 1998, 4:00 p.m.: 21 IR 2079.]*, with the exception of the three (3) hour block period reporting requirements under 326 IAC 3-1.1-3(a) *[326 IAC 3-1.1 was repealed filed Jan 30, 1998, 4:00 p.m.: 21 IR 2079.]*. Records of daily average emissions data shall be maintained for a minimum of five (5) years and shall be made available to the department and U.S. EPA upon request. (E) NIPSCo shall submit a written report to the department within thirty (30) days after the end of each calendar quarter. The report shall contain the daily weighted average emission rate in units of pounds per million Btu as measured by the CEMS for each stack venting emissions from those boilers specified in clause (B). The hourly gross megawatt power production from the units connected to each stack may be used as the weighting factor in determining the daily weighted average. Records of the hourly gross megawatt power production shall be maintained for a minimum of five (5) years and shall be made available to the department and U.S. EPA upon request.	
(18) Premiere Candy Co.	Boilers 1 and 2	1.6 each
(19) Safety-Kleen Oil Recovery Company	(A) Boilers SB-801, SB-820, SB-821, and SB-822 shall use natural gas only. (B) Process Heaters H-201 (45 MMBtu/hour), H-301 (19.5 MMBtu/hour), H-302 (16.5 MMBtu/hour), and H-303 (16.5 MMBtu/hour) shall use a combination of natural gas, #2 fuel oil equivalent, and off-gases. The combined sulfur dioxide emissions from these four (4) process heaters shall not exceed three-tenths (0.3) lb/MMBtu actual heat input. In addition, combined sulfur dioxide emissions from these four (4) process heaters shall not exceed fourteen (14) lbs/hour and sixty (60) tons/year. (C) Process Heaters H-200 (84 MMBtu/hour) and H-701 (17 MMBtu/hour) shall use a combination of natural gas, #2 fuel oil equivalent, and off-gases. Sulfur dioxide emissions from these two (2) process heaters shall not exceed three-tenths (0.3) lb/MMBtu actual heat input. In addition, sulfur dioxide emissions from these two (2) process heaters shall not exceed fourteen (14) lbs/hour and sixty (60) tons/year. (D) Process Heaters H-401 (15.3 MMBtu/hour), H-402 (19.3 MMBtu/hour), H-404 (10 MMBtu/hour), H-405 (10 MMBtu/hour), H-451 (16.3 MMBtu/hour), H-452 (10 MMBtu/hour), and H-453 (8 MMBtu/hour) shall use a combination of natural gas, #2 fuel oil equivalent, and off-gases. The combined sulfur dioxide emissions from these seven (7) process heaters shall not exceed three-tenths (0.3) lb/MMBtu actual heat input. In addition, combined sulfur dioxide emissions from these seven (7) process heaters shall not exceed sixteen and sixty-seven hundredths (16.67) lbs/hour and seventy (70) tons/year.	
(20) Stauffer	(A) Spent Acid Regeneration Unit 4 (Unit 4) and Sulfuric Acid Production Unit 3 (Unit 3) shall comply with the emission limit equations and requirements below: (i) (Unit 3) + (Unit 4) $\leq$ 782 in units of pounds per hour, three (3) hour average. (ii) 0.778 $\times$ (Unit 3) + (Unit 4) $\leq$ 32.7, applies if Unit 4 is $\leq$ 6.15 pounds per ton daily average and package boiler burns natural gas only. (iii) 0.399 $\times$ (Unit 3) + (Unit 4) $\leq$ 19.6, applies if Unit 4 is > 6.15 pounds per ton daily average and package boiler burns natural gas only.	

	(iv) 0.778 × (Unit 3) + (Unit 4) ≤ 30.8, applies if Unit 4 is ≤ 4.69 pounds per ton daily average and package boiler burns any distillate oil. (v) 0.399 × (Unit 3) + (Unit 4) ≤ 17.9, applies if Unit 4 is > 4.69 pounds per ton daily average and package boiler burns any distillate oil. (vi) The equations in items (ii) through (v) are in units of pounds per ton and do not apply for days in which Unit 3 is not in operation. (vii) Compliance with the equations in items (ii) through (v) shall be determined based on daily average pounds per ton calculated from data reported as specified under clause (C). Compliance with the equation in item (i) shall be determined based on a three (3) hour average pounds per hour rate calculated from data reported as specified under clause (C).	
	(B) Preheater and Package Boiler	0.3 each
	(C) Stauffer Chemical shall operate a continuous emission monitoring system (CEMS) in each stack serving Units 3 and 4. Stauffer Chemical shall submit a report to the department within thirty (30) days after the end of each calendar quarter. The report shall contain the following information: (i) Three (3) hour average sulfur dioxide emission rate in pounds per hour as measured by the CEMS from each of the two (2) facilities for each three (3) hour period during the calendar quarter in which the combined average emissions exceed the allowable rates specified in clause (A)(i). (ii) The daily average emission rate in units of pounds per ton as determined from CEMS and production data for Unit 3 and for Unit 4 for each day of the calendar quarter. (iii) The calculated total pounds per ton per the applicable equation in clause (A)(ii) through (A)(v) for each day of the calendar quarter. Stauffer Chemical shall maintain a log of the use of distillate oil on the preheater and the package boiler and shall submit the log to the department in the report required under this clause. The CEMS shall be operated in accordance with the procedures specified in 326 IAC 3-1.1 *[326 IAC 3-1.1 was repealed filed Jan 30, 1998, 4:00 p.m.: 21 IR 2079.]*, and records of hourly emissions data shall be maintained and made available to the department upon request.	
(21) U.S. Reduction	Borings Dryer	3.33 pounds per ton
(22) USX	(A) Turboblower Boilers 1, 2, 3, 4, 5, and 6	0.269 each
	(B) No. 4 Boilerhouse	0.219
	(C) Tin Mill Boilers 1, 2, 3, 4, and 5:	
	Prior to June 30, 1989	1.5 each
	On and after June 30, 1989	natural gas only
	(D) No. 2 Coke Plant Boilerhouse:	
	(i) Boilers 1 and 2	natural gas only
	(ii) Boilers 3, 4, 5, and 6	1.2 each
	(iii) Boilers 7 and 8	1.07 each
	(iv) Only four (4) of No. 2 Coke Plant Boilers may operate using coal or coke oven gas at the same time. If more than four (4) boilers are in operation, all but four (4) shall use natural gas. (v) Prior to June 30, 1989, stacks serving Boilers 3, 4, 5, and 6 shall be no less than one hundred thirty-three (133) feet above grade.	
	(E) Coke Battery Underfire Stacks:	
	(i) No. 2, 3, 5, and 7	1.3 each
	(ii) No. 15 and 16	1.1 each

(F) 46 inch Slab Mill Soaking Pits 2-15	0.772
(G) 84 inch Hot Strip Mill:	
(i) Actual heat input derived from coke oven gas and fuel oil shall not exceed a total of four hundred seventy-seven (477) million Btu per hour for Waste Heat Boiler 1 and Furnaces 1 and 2 combined and a total of five hundred seven (507) million Btu per hour for Waste Heat Boiler 2 and Furnaces 3 and 4 combined. The remainder of the actual heat input shall be obtained by burning natural gas. Total actual heat input shall not exceed four hundred forty (440) million Btu per hour for each furnace, one hundred seventy (170) million Btu per hour for Waste Heat Boiler 1, and two hundred (200) million Btu per hour for Waste Heat Boiler 2.	
(ii) Waste Heat Boiler 1 and Furnaces 1 and 2	511.8 pounds per hour total
(iii) Waste Heat Boiler 2 and Furnaces 3 and 4	543.9 pounds per hour total
(iv) Fuel supplied to the furnaces (coke oven gas, fuel oil, and natural gas) shall not result in a sulfur dioxide emission rate exceeding four hundred forty-seven thousandths (0.447) pounds per million Btu actual heat input.	
(H) 160 inch/210 inch Plate Mill:	
(i) Continuous Furnaces	0.772 each (183 pounds per hour each and 250 million Btu per hour each)
(ii) Plate Mill Batch Furnaces	natural gas only (30 million Btu per hour each)
(iii) USX must notify the department in the event that the 46 inch Slab Mill Soaking Pits permanently cease operation. Subsequent to permanent shutdown of the 46 inch Slab Mill, sulfur dioxide emissions from the 46 inch Slab Mill Soaking Pits shall be limited to zero and zero-tenths (0.0) pounds per million Btu and sulfur dioxide emissions from the facilities at the 160 inch/210 inch Plate Mill Continuous Furnaces and Batch Furnaces 2, 3, and 4 shall be limited to one and seven-hundredths (1.07) pounds per million Btu each.	
(I) No. 3 Sinter Plant Windbox lines 1, 2, and 3	1.0 pounds per ton each
Only two (2) of three (3) lines may operate at the same time.	
(J) No. 4, 6, 7, 8, and 13 Blast Furnace Stoves	0.002 each stack
(i) Only two (2) of three (3) stoves at each of the No. 4, 6, 7, and 8 Blast Furnaces may fire fuel simultaneously.	
(ii) Only three (3) of the four (4) stoves at No. 13 Blast Furnace may fire fuel simultaneously.	
(K) Total actual heat input from coke oven gas, coal, and fuel oil usage at all facilities operating at USX shall not exceed two thousand seven hundred forty (2,740) million Btu per hour based on five hundred ten (510) million Btu per million cubic feet coke oven gas, twenty-six (26) million Btu per ton coal, and one hundred fifty (150) million Btu per thousand gallons of fuel oil. The sulfur dioxide emission rate from coke oven gas, except at the Coke Battery Underfire Stacks listed in clause (E), and from fuel oil shall not exceed one and seven-hundredths (1.07) pounds per million Btu.	

(L) USX shall notify the department at least twenty-four (24) hours prior to operation of more than four (4) coke batteries. During periods when more than four (4) coke batteries are in operation, sulfur dioxide emissions from the No. 2 Coke Plant Boilers shall be limited to nine-tenths (0.9) pounds per million Btu each and the restriction on total actual heat input from coke oven gas, coal, and fuel oil usage specified in clause (K) shall be revised to three thousand three hundred twenty (3,320) million Btu per hour.

(M) Record keeping requirements:

(i) USX shall maintain records of the total coke oven gas, blast furnace gas, fuel oil, and natural gas usage for each day at each facility listed in clauses (A) through (K).

(ii) USX shall maintain records of the average sulfur content and heating value for each day for each fuel type used during the calendar quarter and of the actual heat input for facilities listed in clauses (G) through (H).

(iii) USX shall submit to the department within thirty (30) days of the end of each calendar quarter the calculated sulfur dioxide emission rate in pounds per million Btu, or in pounds per hour for facilities listed in clause (G), for each facility for each day during the calendar quarter, the total fuel usage for each type at each facility for each day, and any violations of clauses (D)(iv), (G)(i), (H)(i), (H)(ii), (I), (J)(i), (J)(ii), (K), or this clause.

(d) Sources listed in subsection (c)(1) through (c)(2), (c)(10), (c)(14) through (c)(15), and (c)(21) shall submit a sampling and analysis protocol to the department by December 31, 1988. The protocol shall contain a description of planned procedures for sampling of sulfur-bearing fuels and materials, for analysis of the sulfur content, and for any planned direct measurement of sulfur dioxide emissions vented to the atmosphere. The protocol shall specify the frequency of sampling, analysis, and/or measurement for each fuel and material and for each facility. The department shall incorporate the protocol into the source's operation permit per procedures specified in 326 IAC 2. The department may revise the protocol as necessary to establish acceptable sampling, analysis, and/or measurement procedures and frequency. The department may also require that a source conduct a stack test at any facility listed in this section within thirty (30) days of written notification by the department. *(Air Pollution Control Board; 326 IAC 7-4-1.1; filed Aug 8, 1991, 10:00 a.m.: 14 IR 2206; filed Mar 24, 1998, 4:35 p.m.: 21 IR 2729; filed May 13, 1999, 12:00 p.m.: 22 IR 3070; readopted filed Jan 10, 2001, 3:20 p.m.: 24 IR 1477)*

326 IAC 7-4-2 Marion County sulfur dioxide emission limitations

Authority: IC 13-14-8; IC 13-17-3-4
Affected: IC 13-12; IC 13-14-4-3; IC 13-16-1

Sec. 2. The following sources and facilities located in Marion County shall comply with the sulfur dioxide emission limitations in pounds per million Btu (lbs/MMBtu) and pounds per hour (lbs/hr), unless otherwise specified, and other requirements:

		Emission Limitations	
Source	Facility Description	lbs./MMBtu	lbs./hr.
(1) Acustar	Boiler 1	2.82	109.98
	Boiler 2	2.82	109.98
	Boiler 3	2.82	109.98
(2) Allison Gas Turbine–Plant 5	Boiler 1	3.99	299.4
	Boiler 2	3.99	299.4
	Boiler 3	3.99	299.4
	Boiler 4	3.99	299.4
(3) Amtrak	Boilers 61 and 62	3.30	208.15
(4) Bridgeport Brass	Boiler 1	3.55	135.8
	Boiler 2	3.55	135.8

	Boiler 3	3.55	135.8
(5) Central Soya	Boiler	4.32	272.0
(6) Central State	Boiler 3	3.39	111.8
	Boiler 7	3.39	169.5
	Boiler 8	3.39	169.5
(7) Citizens Gas	Batteries E & H (each)	0.79 pounds per ton	31.16
	Battery 1	0.23 pounds per ton	15.70
(8) Detroit Diesel Allison-Plant 3	Boiler 1	1.88	67.6
	Boiler 2	1.88	67.6
	Boiler 3	1.88	90.2
	Boiler 4	1.88	135.2
	Boiler 5	1.88	180.3
(9) Diamond Bathurst	#2 Furnace	1.40 pounds per ton	20.22
(10) Ford	Boiler 1	2.43	177.38
	Boiler 2	2.43	354.77
	Boiler 3	2.43	354.77
(11) Fort Harrison	Boiler 1	2.92	151.84
	Boiler 2	2.92	151.84
	Boiler 3	2.92	151.84
	Boiler 4	2.92	151.84
(12) G.M. Truck & Bus Group	Boiler 1	2.31	187.1
	Boiler 2	2.31	187.1
	Boiler 3	2.31	106.3
(13) Indiana Girls School	Boiler	6.00	46.9
(14) IPL-Perry W	Boiler 17	6.0	1,320.0
	Boiler 18	6.0	1,320.0
(15) Indianapolis Sludge Incinerator	Incinerator 1	2.0 pounds per ton	14.19
	Incinerator 2	2.0 pounds per ton	14.19
	Incinerator 3	2.0 pounds per ton	14.19
	Incinerator 4	2.0 pounds per ton	14.19
	Incinerator 5	2.0 pounds per ton	14.19
	Incinerator 6	2.0 pounds per ton	14.19
	Incinerator 7	2.0 pounds per ton	14.19
	Incinerator 8	2.0 pounds per ton	14.19
(16) Marathon Petroleum–Indiana Refining Division	H-H1	1.92	36.46
	H-H2	1.92	36.46
	H-H3	1.92	38.38
	P-H1	1.92	89.03
	P-H2	1.92	82.12
	P-H3	1.92	30.32
	P-H4	1.92	33.19
	P-H5	1.92	9.98
	Alky Reboiler	1.92	53.15
	Crude Heater	1.92	268.05
	Vacuum Heater	1.92	99.20
	Sulfur Recovery	189.0 pounds per ton sulfur	88.17

	FCC (Proc)	3.92 pounds per ton	506.37
	CO Boiler	1.92	228.72
	FCC Chg. Htr.	1.92	88.26
	GH-1	1.92	81.36
(17) Navistar	Boiler 1	2.98	193.72
	Boiler 2	2.98	193.72
	Boiler 3	2.98	193.72
(18) Quaker Oats	Boiler 1	2.79	195.3
	Boiler 2	2.79	195.3
	Murray Boiler	0.50	50.1
(19) Quemetco	Reverberatory Furnace	24.6 pounds per ton	617.0
(20) Refined Metals	Blast Furnace	10.8 pounds per ton	64.8
(21) Reilly Industries	2722 W	1.25	114.75
	2726 S	1.25	49.1
	186 N	1.25	46.0
	2707 V	1.25	20.0
	112 E	0.0**	0.0**
	2710 P	0.0**	0.0**
	Riley	1.25	64.75
	B & W	1.25	49.1
	2724 W	1.25	26.3
	2714 V	1.25	18.8
	2729 Q	1.25	3.8
	2740 Q	1.25	7.5
	732714	1.25	45.0
	2728 S	1.25	7.5
	Still	0.0**	0.0**
	Kettle	0.0**	0.0**
	2607 T	0.0**	0.0**
	702611	0.0**	0.0**
	722804	0.0**	0.0**
	2706 Q	0.0**	0.0**
	2713 W	0.0**	0.0**
	2714 W	0.0**	0.0**
	2720 W	0.0**	0.0**
(22) Rexnord-Link Belt Bearing	Boiler A	3.28	101.7
	Boiler B	3.28	101.7
	Boiler C	0.0*	0.0*
(23) Rexnord-Link Belt Chain	Boiler 1	3.68	117.8
	Boiler 2	3.68	117.8
	Boiler 3	3.68	117.8
(24) Thomson Consumer Electronics	Boiler 1	1.95	39.0
	Boiler 2	1.95	39.0
	Boiler 3	1.95	146.3
	Boiler 4	1.95	146.3
(25) Union Carbide	Boiler 1	3.85	92.4
	Boiler 2	3.85	106.6

	Boiler 3	3.85	148.2
(26) Western Select Properties	Boiler 2	2.52	189.06
	Boiler 3	2.52	189.06
	Boiler 4	2.52	189.06
	Boiler 5	2.52	252.07
(27) Wishard	Boiler 1	4.04	105.0
	Boiler 2	4.04	105.0
	Boiler 3	4.04	105.0

**Less than 0.05

(28) Allison Gas Turbine Operations Plant 8 shall comply with the sulfur dioxide emission limitations provided in clause (A) or (B) and other requirements as follows:

(A) Boilers 2 through 11 may burn natural gas at any time.

(B) Babcock and Wilcox Boilers 2 through 6 and Combustion Engineering Boilers 7 through 11 may burn fuel oil with a sulfur dioxide emission limitation of two and one-tenth (2.1) lbs/MMBtu each during periods when one (1) of the following conditions is met:

(i) Fuel oil is burned in no more than three (3) Babcock and Wilcox boilers, and fuel oil is not burned in any combustion engineering boiler.

(ii) Fuel oil is burned in no more than two (2) Babcock and Wilcox boilers and no more than two (2) combustion engineering boilers.

(iii) Fuel oil is burned in no more than one (1) Babcock and Wilcox boiler and no more than three (3) combustion engineering boilers.

(C) A log of hourly operational status and fuel type for each boiler shall be maintained at the plant and made available to the department upon request. A daily summary of operating status and fuel type for each boiler for each day of a calendar quarter shall be submitted to the department on a quarterly basis.

(D) Allison Gas Turbine Operations Plant 8 shall erect a twenty (20) foot stack extension with a diameter at the extension outlet of four (4) feet for each stack serving Boilers 2 through 6 in accordance with the following schedule:

(i) Complete design, specifications, and construction drawings and award contracts by August 2, 1988.

(ii) Complete installation of stack extensions by December 2, 1988.

(29) Indianapolis Power and Light Perry K shall comply with the sulfur dioxide emission limitations in lbs/MMBtu and other requirements as follows:

Boiler Number	Emission Limitations
(A) 17 and 18	0.3
(B) 11, 12, 13, 14, 15, and 16	2.1

(C) As an alternative to the emission limitations in clause (B), sulfur dioxide emissions from Boilers 11, 12, 13, 14, 15, and 16 may comply with any one (1) of the sets of emission limitations in lbs/MMBtu as follows:

	Boiler Number	Emission Limitations
(i)	13, 14, 15, and 16	0.0
	11 and 12	4.4
(ii)	11, 12, 15, and 16	0.0
	13 and 14	4.4
(iii)	11, 12, 13, and 14	0.0
	15 and 16	4.4
(iv)	11, 12, 15, and 16	3.0
	13 and 14	0.3
(v)	11 and 12	0.3
	13, 14, 15, and 16	3.0

(D) The department or the Indianapolis Air Pollution Control Division shall be notified prior to the reliance by Indianapolis Power and Light on any one (1) of the sets of alternative emission limitations specified in clause (C).

(E) A log of hourly operating status for each boiler shall be maintained and made available to the department upon request.

A daily summary indicating which boilers were in service during the day shall be submitted to the department quarterly. In addition, records of the daily average sulfur content, heat content, and sulfur dioxide emission rate for each day in which an alternative set of emission limitations specified in clause (C) is used shall be submitted to the department quarterly.

(F) For the purposes of 326 IAC 7-2-1(c)(1), during thirty (30) day periods in which Indianapolis Power and Light relies on more than one (1) set of emission limitations specified in clauses (B) through (C), a separate thirty (30) day rolling weighted average for each set of limitations shall be determined. Each thirty (30) day rolling weighted average shall be based on data from the previous thirty (30) operational days within the last ninety (90) days for that set of limitations. If Indianapolis Power and Light does not operate thirty (30) days under any one (1) set of limitations within the last ninety (90) days, the rolling weighted average shall be based on all operational days within the last ninety (90) days for that set of limitations.

(G) Boilers 11 through 16 shall be limited to six and zero-tenths (6.0) lbs/MMBtu each until Boilers 11 through 16 achieve compliance with the sulfur dioxide emission limitations specified in clauses (B) through (C). Compliance with the emission limitations specified in clauses (B) through (C) shall be achieved according to the following schedule:

(i) Complete engineering analysis of modifications by April 2, 1988.

(ii) Complete testing and design of modifications and place orders for necessary equipment by May 2, 1989.

(iii) Complete installation of necessary equipment and achieve compliance with emission limitations specified in clauses (B) through (C) by June 2, 1990.

(30) Indianapolis Power and Light Stout shall comply with the sulfur dioxide emission limitations in lbs/MMBtu and other requirements as follows:

	Boiler/Turbine Number	Emission Limitations
(A)	Boiler 70	5.3
(B)	Boilers 50 and 60	4.7
	Boilers 1 through 8	0.0
	Boilers 9 and 10 and Gas Turbines 1, 2, and 3	0.35

(C) As an alternative to the emission limitations in clause (B), sulfur dioxide emissions from Boilers 50, 60, and 1 through 10 and Gas Turbines 1, 2, and 3 may comply with any one (1) of the sets of emission limitations in lbs/MMBtu as follows:

	Boiler/Turbine Number	Emission Limitations
(i)	Boilers 50 and 60	5.2
	Boilers 1 through 10 and Gas Turbines 1, 2, and 3	0.0
(ii)	Boilers 50 and 60	5.0
	Boilers 1 through 10	0.0
	Gas Turbines 1, 2, and 3	0.4
(iii)	Boilers 50 and 60	4.1
	Boilers 1 through 8	0.26
	Boilers 9 and 10	0.35
	Gas Turbines 1, 2, and 3	0.3
(iv)	Boilers 50 and 60	3.9
	Boilers 1 through 8	0.34
	Boilers 9 and 10 and Gas Turbines 1, 2, and 3	0.35

(D) The department or the Indianapolis Air Pollution Control Division shall be notified prior to the reliance by Indianapolis Power and Light on any one (1) of the sets of alternative emission limitations specified in clause (C).

(E) A log of hourly operating status for each boiler shall be maintained and made available to the department upon request.

A daily summary indicating which boilers were in service during the day shall be submitted to the department quarterly. In addition, records of the daily average sulfur content, heat content, and sulfur dioxide emission rate for each day in which an alternative set of emission limitations specified in clause (C) is used shall be submitted to the department quarterly.

(F) For the purposes of 326 IAC 7-2-1(c)(1), during thirty (30) day periods in which Indianapolis Power and Light relies on more than one (1) set of emission limitations specified in clauses (B) through (C), a separate thirty (30) day rolling weighted average for each set of limitations shall be determined. Each thirty (30) day rolling weighted average shall be based on data from the previous thirty (30) operational days within the last ninety (90) days for that set of limitations. If Indianapolis Power and Light does not operate thirty (30) days under any one (1) set of limitations within the last ninety (90) days, the rolling weighted average shall be based on all operational days within the last ninety (90) days for that set of limitations.

(G) Indianapolis Power and Light shall install a stack diameter restriction for the stack serving Boilers 50 and 60. The stack diameter restriction shall reduce the diameter to six and one-half (6½) feet at the tip of the stack. The installation of the stack diameter restriction shall be in accordance with the following schedule:

(i) Complete preliminary design of modifications by December 2, 1988.

(ii) Place orders for necessary modification by July 2, 1989.

(iii) Complete installation by February 2, 1990.

(Air Pollution Control Board; 326 IAC 7-4-2; filed Aug 28, 1990, 4:50 p.m.: 14 IR 65; filed Feb 9, 1999, 4:22 p.m.: 22 IR 1959; readopted filed Jan 10, 2001, 3:20 p.m.: 24 IR 1477)

326 IAC 7-4-3 Vigo County sulfur dioxide emission limitations

Authority: IC 13-1-1-4; IC 13-7-7
Affected: IC 13-1-1; IC 13-7

Sec. 3. The following sources and facilities located in Vigo County shall comply with the sulfur dioxide emission limitations in pounds per million Btu, unless otherwise specified, and other requirements:

Source	Facility Description	Emission Limitations
(1) Alcan Rolled Products Co.	Sol Oil Boiler	0.51
	Foil Mill Boiler	0.51
	Oil Farm Boiler	0.51
	#2 Melter	1.60
	#3 Melter	1.60
	#4 Melter	1.60
	#5 Melter	1.60
	#6 Melter	1.60
	#7 Melter	1.60
	#53 Annealing Furnaces	1.60
(2) Bemis	Boiler	0.51
(3) CBS	#1 WH CB200-200	0.51
	#2 WH CB200-200	0.51
	#1 HC CB293-100	0.51
	#2 HC CB M & W 4000	0.51
	#3 HC CB M & W 4000	0.51
	#1 BP Springfield	0.51
(4) CF Industries	Process Murray Boiler 1	0.52
	Process Murray Boilers 2 and 3	0.52
(5) Digital Audio Disc	#1 Kewanee Boiler	0.36
	#2 Kewanee Boiler	0.36
(6) Doxsee Foods Corp.	Boiler	2.62
(7) General Housewares	Boiler 1A Ladd	6.00
	Boiler 2A Combustion Eng.	6.00
	#5 Enamel Furnace Radiant Tube	0.51

	#6 Enamel Furnace Muffle	0.51
(8) Hercules, Inc.	Murray Iron Works Boiler A	0.51
	Murray Iron Works Boiler B	0.51
	Clayton Boiler (Standby)	0.51
	Nebraska Boiler	0.51
(9) Indiana State University	#2 Voight Boiler	5.64
	#3 Voight Boiler	5.64
	#5 B & W Boiler	5.64
	#4 Murray Boiler	0.37
(10) J.I. Case	No. 1 Riley Boiler	4.74
	No. 2 Riley Boiler	4.74
(11) Pfizer	Boiler 8	3.01
	Boiler 5	2.12
	Boiler 6	2.12
	Boiler 7	2.12
	Animal Health Boiler	1.55

Boiler load on Boiler 5, Boiler 6, or Boiler 7 is restricted to 55.84 million Btu per hour if Boiler 8 is also in operation. Pfizer shall maintain records which contain the actual boiler heat input, based on the average fuel heat content and on the quantity of fuel burned hourly, for any hour in which Boiler 5, Boiler 6, or Boiler 7 is in simultaneous operation with Boiler 8. The records shall be made available to the department or the Vigo County Air Pollution Control Department upon request.

(12) Pillsbury (Terre Haute)	Boiler B	0.36
	Boiler C	2.62
	Boiler D	0.36
(13) Pitman-Moore	#9, #10, and #15 Boilers	4.58
	#16 Boiler	0.36
	East Plant Boiler	0.36
(14) Public Service Indiana Wabash River	Boilers 1, 2, 3, 4, 5, and 6	4.04
(15) Rose-Hulman	#1 Voight Boiler	2.26
	#2 Cleaver Brooks Boiler	0.51
	#4 Cleaver Brooks Boiler	0.51
(16) St. Mary's Sisters of Providence	#2 Voight Boiler	3.84
	#3 B & N Boiler	3.84
	#5 B & N Boiler	3.84
	#7 Voight Boiler	3.84
	#8 Voight Boiler	3.84
(17) Snacktime Company	#1 Boiler	0.52
	#12 Boiler	0.52
	#2, #3, #4, and #6 Fryer Oil Heaters	0.52
(18) Terre Haute Coke and Carbon	2 CB Boilers	1.79
	2 Standby Boilers	4.55
	No. 1 CB Underfire Stack	0.63
	No. 2 CB Underfire Stack	0.63
(19) Terre Haute Regional Hospital	#1 Boiler	0.45
	(New) #2 Boiler	0.45
(20) Union Hospital Energy Co.	2 Keeler Boilers	0.36
	3 Cleaver Brooks Boilers	0.36
(21) U.S. Penitentiary	#1, #2, and #3 Boilers	0.51
	2 Honor Farm Boilers	0.51
(22) Wabash Fibre Box	Cleaver Brooks Boiler	2.36

(23) Wabash Products Co.	Boiler	natural gas only
(24) Western Tar	Tar Division, Boiler A	0.36
	Tar Division, Boiler B	0.36
	Wood Division, Boiler A	0.36
	Wood Division, Boiler B	0.36
	Tar Division, Process Still	0.36
(25) Weston Paper	B-1 and B-4 Boilers	4.09
	B-5 Warehouse Boiler	2.62

(Air Pollution Control Board; 326 IAC 7-4-3; filed Aug 28, 1990, 4:50 p.m.: 14 IR 70; readopted filed Jan 10, 2001, 3:20 p.m.: 24 IR 1477)

326 IAC 7-4-4 Wayne County sulfur dioxide emission limitations

Authority: IC 13-1-1-4; IC 13-7-7
Affected: IC 13-1-1; IC 13-7

Sec. 4. The following sources and facilities located in Wayne County shall comply with the sulfur dioxide emission limitations in pounds per million Btu, unless otherwise specified, and other requirements:

Source	Facility Description	Emission Limitations
(1) Belden Corp.	Boilers 3,4,5,6 (oil) (common stack)	1.6
(2) Earlham College	Boilers 1 & 2 (oil/gas) (common stack)	1.6
(3) Johns-Manville Co.	Boiler B-2 (oil/gas)	1.6
	Glass Furnaces SX-2,SX-3 (common stack)	9 pounds per ton
(4) Joseph Hill (Plant A)	Boilers 1,2,4 (oil) (common stack)	1.6
	Boiler 3 (oil)	1.6
(5) Joseph Hill (Plant B)	Boilers 1,2,3 (oil/gas) (common stack)	0.3
(6) Kemper	Boiler 1 (coal)	2.3
	Boiler 2 (wood/coal)	2.1
	Boiler 3 (wood/sawdust)	1.2

Kemper Boilers 1 and 2 also shall be limited to one and three-tenths (1.3) pounds per million Btu, and Boiler 3 also shall be limited to one and two-tenths (1.2) pounds per million Btu based on the annual average sulfur content of the fuel over any twelve (12) consecutive month period.

(7) NATCO	Boiler 1 (coal)	4.9

NATCO Boiler 1 also shall be limited to three and seven-tenths (3.7) pounds per million Btu based on the annual average sulfur content of the fuel over any twelve (12) consecutive month period.

(8) Ralston Purina Co.	Boilers 1 & 2 (oil/gas) common stack)	1.6
(9) Richmond Power and Light (RP&L)	Boilers 1 and 2 (coal) (common stack)	6.0

RP&L shall construct a new good engineering practice stack with height of at least three hundred twenty-five (325) feet

above grade by July 31, 1988.

(10) Richmond State Hospital	Boilers 1,2,3,4 (coal) (common stack)	6.0
(11) Sanyo E&E	Boiler 1 (coal)	4.9
	Boiler 2 (coal)	4.9

Sanyo E&E Boilers 1 and 2 also shall be limited to three and nine-tenths (3.9) pounds per million Btu based on the annual average sulfur content of the fuel over any twelve (12) consecutive month period.

(12) Wallace Metals	Boiler 1 (oil/gas)	1.6

(Air Pollution Control Board; 326 IAC 7-4-4; filed Aug 28, 1990, 4:50 p.m.: 14 IR 73; readopted filed Jan 10, 2001, 3:20 p.m.: 24 IR 1477)

326 IAC 7-4-5 LaPorte County sulfur dioxide emission limitations

Authority: IC 13-1-1-4; IC 13-7-7
Affected: IC 13-1-1; IC 13-7

Sec. 5. The following sources and facilities located in LaPorte County shall comply with the sulfur dioxide emission limitations in pounds per million Btu and other requirements:

Source	Facility Description		Emission Limitations
(1) Indiana State Prison	3 Coal Boilers		5.12
	1 Oil Boiler		1.60
(2) Westville Correctional Center	3 Coal Boilers		6.00
(3) Allis Chalmers	3 Oil Boilers		1.60
(4) Northern Indiana Public Service Company (NIPSCo) Michigan City Plant	Unit 12		6.0
	Units 4, 5, and 6:	If only one (1) unit is in operation	2.2
		If two (2) units are in operation	1.11 each
		If three (3) units are in operation	0.74 each

(A) A log of hourly operating status for Units 4, 5, and 6 shall be maintained and made available to the department upon request. A summary indicating which boilers were in service each day of a calendar quarter shall be submitted to the department on a quarterly basis. In addition, records of the daily average sulfur content and sulfur dioxide emission rate for each day in which more than one (1) of Units 4, 5, and 6 were in operation shall be submitted to the department quarterly.

(B) For the purposes of 326 IAC 7-2-1(c)(1), during thirty (30) day periods in which NIPSCo relies on more than one (1) set of limits contained in this subdivision, a separate thirty (30) day rolling weighted average for each set of limits shall be determined. Each thirty (30) day rolling weighted average shall be based on data from the previous thirty (30) operational days within the last ninety (90) days for that set of limits. If NIPSCo does not operate thirty (30) days under any one (1) set of limits within the last ninety (90) days, the rolling weighted average shall be based on all operational days within the last ninety (90) days for that set of limits.

(C) For periods when natural gas is the only fuel being burned in Units 4, 5, or 6, the reporting required in clauses (A) and (B) shall be satisfied by indicating that natural gas was the only fuel burned. No reporting of sulfur dioxide emission rates is necessary for these periods.

(Air Pollution Control Board; 326 IAC 7-4-5; filed Aug 28, 1990, 4:50 p.m.: 14 IR 73; readopted filed Jan 10, 2001, 3:20 p.m.:

24 IR 1477)

326 IAC 7-4-6 Jefferson County sulfur dioxide emission limitations

Authority: IC 13-1-1-4; IC 13-7-7
Affected: IC 13-1-1; IC 13-7

Sec. 6. The following sources and facilities located in Jefferson County shall comply with the sulfur dioxide emission limitations in pounds per million Btu:

Source	Facility Description	Emission Limitations
(1) IKEC–Clifty Creek	Boilers 1, 2, and 3	7.52
	Boilers 4, 5, and 6	7.52
(2) Madison State Hospital	Boilers 1, 2, and 3	6.0

(Air Pollution Control Board; 326 IAC 7-4-6; filed Aug 28, 1990, 4:50 p.m.: 14 IR 74; readopted filed Jan 10, 2001, 3:20 p.m.: 24 IR 1477)

326 IAC 7-4-7 Sullivan County sulfur dioxide emission limitations

Authority: IC 13-1-1-4; IC 13-7-7
Affected: IC 13-1-1; IC 13-7

Sec. 7. The following sources and facilities located in Sullivan County shall comply with the sulfur dioxide emission limitations in pounds per million Btu:

Source	Facility Description	Emission Limitations
(1) IMEC-Breed	Boiler	9.57
(2) Hoosier Energy-Merom	Boiler 1	1.2
	Boiler 2	1.2

Boiler 1 and Boiler 2 are subject to new source performance standards in the applicable construction permit.

(Air Pollution Control Board; 326 IAC 7-4-7; filed Aug 28, 1990, 4:50 p.m.: 14 IR 74; readopted filed Jan 10, 2001, 3:20 p.m.: 24 IR 1477)

326 IAC 7-4-8 Vermillion County sulfur dioxide emission limitations

Authority: IC 13-1-1-4; IC 13-7-7
Affected: IC 13-1-1; IC 13-7

Sec. 8. The following sources and facilities located in Vermillion County shall comply with the sulfur dioxide emission limitations in pounds per million Btu and other requirements:

Source	Facility Description	Emission Limitations
(1) Public Service Indiana Cayuga (PSI)	Boiler 1 and Boiler 2: On or before December 31, 1988	4.84 each
	On or before March 1, 1989	4.40 each

(A) Upon certification by PSI to the commissioner that the Universal Mine cannot assure a long term supply of compliance coal, final compliance with the four and forty-hundredths (4.40) pounds per million Btu sulfur dioxide emission limitation

may be extended until December 31, 1989. The commissioner shall notify the U.S. EPA upon receipt of such a certification by PSI.

(B) PSI may at any time petition the commissioner for a four and forty-eight hundredths (4.48) pounds per million Btu final sulfur dioxide emission limitation. The petition shall include evidence that such a limitation will protect the sulfur dioxide ambient air quality standards on all land not fenced or otherwise effectively restricted from public access. If the commissioner approves such a petition, the department shall amend the operation permit according to procedures specified in 326 IAC 2 and submit the revised permit to U.S. EPA.

(2) Newport Army Ammunition	Boilers 103A, 103B, 103C, and 7700D	1.6 each
(3) Eli Lilly Clinton Laboratories	Boiler C31-1	4.72
	Boiler C21-4, C21-1, C21-2, and C21-3	0.36 each

(Air Pollution Control Board; 326 IAC 7-4-8; filed Aug 28, 1990, 4:50 p.m.: 14 IR 74; readopted filed Jan 10, 2001, 3:20 p.m.: 24 IR 1477)

326 IAC 7-4-9 Floyd County sulfur dioxide emission limitations

Authority: IC 13-1-1-4; IC 13-7-7
Affected: IC 13-1-1; IC 13-7

Sec. 9. Sulfur dioxide emissions from the Public Service Indiana (PSI) Gallagher Plant Units 1, 2, 3, and 4 shall be limited to four and seven-tenths (4.7) pounds per million Btu each. *(Air Pollution Control Board; 326 IAC 7-4-9; filed Aug 28, 1990, 4:50 p.m.: 14 IR 74; readopted filed Jan 10, 2001, 3:20 p.m.: 24 IR 1477)*

326 IAC 7-4-10 Warrick County sulfur dioxide emission limitations

Authority: IC 13-1-1-4; IC 13-7-7
Affected: IC 13-1-1; IC 13-7-10; IC 13-7-16

Sec. 10. (a) The following sources and facilities located in Warrick County shall comply with the sulfur dioxide emission limitations in pounds per million Btu, unless otherwise specified, and other requirements:

(1) Southern Indiana Gas and Electric Company (SIGECO)

Facility Description	Emission Limitations
(A) Culley Units 1, 2, and 3	
Prior to December 31, 1989	6.0 each
Beginning December 31, 1989	5.41 each
Beginning August 1, 1991 (Units 1 and 2 only)	2.79 each

(B) As an alternative to the emission limitations specified in clause (A), beginning August 1, 1991, sulfur dioxide emissions from Culley Units 1 and 2 shall be limited in pounds per million Btu as follows:

Facility Description	Emission Limitations
Unit 1	0.0006
Unit 2	4.40

(C) SIGECO shall notify the department and the U.S. EPA via certified mail at least fourteen (14) days prior to its intention to rely on the set of limits in clause (B) or to switch between sets of limits listed in clauses (A) through (B).

(D) For the purposes of 326 IAC 7-2-1(c)(1), during thirty (30) day periods in which SIGECO relies on more than one

(1) set of limits contained in clauses (A) through (B), a separate thirty (30) day rolling weighted average for each set of limits shall be determined. Each thirty (30) day rolling weighted average shall be based on data from the previous thirty (30) operational days within the last ninety (90) days for that set of limits. If SIGECO does not operate thirty (30) days under any one (1) set of limits within the last ninety (90) days, the rolling weighted average shall be based on all operational days within the last ninety (90) days for that set of limits.

(2) Aluminum Company of America (ALCOA) Warrick Power Plant

Facility Description	Emission Limitations
Units 1, 2, 3, and 4	
Prior to December 31, 1989	6.0 each
Beginning December 31, 1989	5.41 each
Beginning August 1, 1991	5.11 each

Unit 4 is jointly owned by ALCOA and SIGECO.

(3) ALCOA Warrick Power Plant and SIGECO Culley Plant

(A) As an alternative to the emission limitations specified in subdivisions (1) through (2) and upon fulfilling the requirements of clause (B), sulfur dioxide emissions from the Warrick and Culley Plants shall be limited to one (1) of the sets of limitations in pounds per million Btu specified as follows:

Source		Facility Description	Emission Limitations
(i)	Warrick Plant	Units 1–4	5.4 per stack
	SIGECO Culley	Unit 1	2.0
		Unit 2	2.0
		Unit 3	5.4
(ii)	Warrick Plant	Units 1–4	5.4 per stack
	SIGECO Culley	Unit 1	0.0006
		Unit 2	3.2
		Unit 3	5.4
(iii)	Warrick Plant	Units 1–4	5.4 per stack
	SIGECO Culley	Unit 1	5.4
		Unit 2	0.0006
		Unit 3	5.4

(B) SIGECO and ALCOA shall jointly provide notification via certified mail to the department and to the U.S. EPA prior to December 1, 1989, of their intention to begin permanent reliance on one (1) of the sets of limitations specified in clause (A). The written notification shall contain written evidence of a notarized agreement between SIGECO and ALCOA concerning the applicable set of limitations. Beginning December 31, 1989, sulfur dioxide emissions from each unit shall be limited to five and four-tenths (5.4) pounds per million Btu. Beginning August 1, 1991, SIGECO shall achieve compliance with the applicable emission limitation for each unit with a final emission limitation of three and two-tenths (3.2) pounds per million Btu or less.

(4) ALCOA-Warrick Smelter Operations shall comply with the sulfur dioxide emission limitations in pounds per hour, unless otherwise specified, and other requirements as follows:

Facility Description		Emission Limitations
(A)	Potline 1:	
	All stacks associated with scrubber	176.3
	Roof monitors associated with Potline 1	19.6

(B)	Potline 2:	
	All stacks associated with scrubber	195.2
	Roof monitors associated with Potline 2	21.7
(C)	Potline 3:	
	All vents or stacks associated with scrubber	195.2
	Roof monitors associated with Potline 3	21.7
(D)	Potline 4:	
	All vents associated with scrubber	195.2
	Roof monitors associated with Potline 4	21.7
(E)	Potline 5:	
	All stacks associated with scrubber	195.2
	Roof monitors associated with Potline 5	21.7
(F)	Potline 6:	
	All stacks associated with scrubber	195.2
	Roof monitors associated with Potline 6	21.7
(G)	Potlines 1, 2, 3, 4, 5, and 6	5,608 tons per year total
(H)	Anode Bake Ring Furnace	94.1 (412 tons per year)

Any sulfur dioxide emission limitation established in a permit issued in conformance with the prevention of significant deterioration rules under 326 IAC 2-2 and/or 40 CFR 52*, if more stringent, shall supersede the requirements in this subdivision.

(b) Compliance with the pounds per hour limitations specified in subsection (a)(4) shall be based on a stack test pursuant to 326 IAC 7-2-1(b).

(c) Compliance with the tons per year limitations specified in subsection (a)(4) shall be based on a rolling twelve (12) consecutive month emission total. Monthly sulfur dioxide emissions shall be determined from calendar month material balances using actual average sulfur content and material throughput. Quarterly reports shall be submitted to the department containing the calendar month and rolling twelve (12) month sulfur dioxide emissions from the smelter operations (potline scrubber stacks, roof monitors, and anode bake ring furnace). The report shall include documentation of the data and methodology used to calculate the monthly sulfur dioxide emissions and shall be submitted by the end of the month following the end of the quarter.

*Copies of the Code of Federal Regulations (CFR) referenced may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401. Copies of pertinent sections are also available at the Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, Indianapolis, Indiana 46204.
(Air Pollution Control Board; 326 IAC 7-4-10; filed Aug 28, 1990, 4:50 p.m.: 14 IR 75; readopted filed Jan 10, 2001, 3:20 p.m.: 24 IR 1477; errata filed Dec 12, 2002, 3:35 p.m.: 26 IR 1568)

326 IAC 7-4-11 Morgan County sulfur dioxide emission limitations

Authority: IC 13-1-1-4; IC 13-7-7
Affected: IC 13-1-1; IC 13-7

Sec. 11. Indianapolis Power and Light (IPL) Pritchard Generating Station shall comply with the sulfur dioxide emission limitations in pounds per million Btu and other requirements as follows:

Facility Description	Emission Limitations
(1) Units 1 and 2	0.37 each
(2) Units 3, 4, 5, and 6 on and before September 30, 1990	6.0 each
Unit 3 after September 30, 1990	0.37
Units 4, 5, and 6 after September 30, 1990	3.04 each

(3) As an exception to the emission limitations specified in subdivision (2), after September 30, 1990, at any time in which IPL burns coal on Unit 3, sulfur dioxide emissions from Units 3, 4, 5, and 6 shall be limited to two and fifty-seven hundredths (2.57) pounds per million Btu each.

(4) Prior to October 31, 1989, IPL shall modify the two (2) stacks serving Units 3, 4, 5, and 6 to increase the height of each stack to at least two hundred and eighty-one (281) feet above grade.

(5) Prior to February 28, 1989, IPL shall submit completed engineering plans and drawings of flue gas conditioning systems for Units 4 and 5 to the department. Prior to May 31, 1990, IPL shall complete installation of flue gas conditioning systems for Units 4 and 5.

(6) After September 30, 1990, on a day for which Unit 3 does not burn any coal, the limitations in subdivision (2) are in effect, and compliance shall be determined as specified in 326 IAC 7-2-1(c).

(7) After September 30, 1990, on a day for which Unit 3 burns any coal, the limitations in subdivision (3) are in effect. As an exception to the requirements of 326 IAC 7-2-1(c)(1) on a day for which Unit 3 burns any coal, if the thirty (30) day rolling weighted average for any unit is above two and fifty-seven hundredths (2.57) pounds per million Btu, then 326 IAC 7-2-1(c)(1) does not apply, and the daily average emission rate for that unit for that day shall not exceed two and fifty-seven hundredths (2.57) pounds per million Btu.

(8) After September 30, 1990, for the purposes of determining compliance under 326 IAC 7-2-1(b), stack tests performed on Units 3, 4, 5, and 6 shall demonstrate compliance with the most stringent set of limits in effect at any time during the day prior to or during the test based on the Unit 3 operating status and fuel type as indicated by the log maintained pursuant to subdivision (9).

(9) After September 30, 1990, IPL shall maintain and make available to the department upon request a log of the operating status and fuel type used for Unit 3. In addition, in the quarterly report required by 326 IAC 7-2-1(a), IPL shall submit to the department a daily summary indicating fuel type for Unit 3, and, for days on which Unit 3 burned any coal and any thirty (30) day rolling weighted average was greater than two and fifty-seven hundredths (2.57) pounds per million Btu, IPL shall submit to the department the daily average sulfur content, heat content, and sulfur dioxide emission rate for Units 3, 4, 5, and 6.

(Air Pollution Control Board; 326 IAC 7-4-11; filed Aug 28, 1990, 4:50 p.m.: 14 IR 76; readopted filed Jan 10, 2001, 3:20 p.m.: 24 IR 1477)

326 IAC 7-4-12 Gibson County sulfur dioxide emission limitations (Repealed)

Sec. 12. *(Repealed by Air Pollution Control Board; filed Nov 5, 1990, 11:53 a.m.: 14 IR 439)*

326 IAC 7-4-12.1 Gibson County sulfur dioxide emission limitations

Authority: IC 13-1-1-4; IC 13-7-7
Affected: IC 13-1-1; IC 13-7

Sec. 12.1. (a) Prior to January 1, 1992, Public Service Indiana (PSI) Gibson Units 1, 2, 3, 4, and 5 shall comply with the sulfur dioxide emission limitations in pounds per million Btu (lbs./MMBtu) and other requirements as follows:

Facility Description	Emission Limitations

Units 1, 2, 3, and 4	5.1
Unit 5	
New source performance standard pursuant to 326 IAC 12	1.2
Twenty-four (24) hour average	1.10

(b) Beginning January 1, 1992, Public Service Indiana (PSI) Gibson Units 1, 2, 3, 4, and 5 shall comply with the sulfur dioxide emission limitations in pounds per million Btu (lbs./MMBtu) and other requirements as provided under either subdivision (1) or (2) as follows:

(1) Facility Description	Emission Limitations
Units 1, 2, 3, and 4	
Beginning January 1, 1992	3.57
No later than December 31, 1993	3.13
No later than December 31, 1995	2.7
Unit 5	
Beginning January 1, 1992	
New source performance standard pursuant to 326 IAC 12	1.2
Twenty-four (24) hour average	1.10
No later than December 31, 1995	1.10

(2) Facility Description	Emission Limitations
Units 1, 2, and 3	
Beginning January 1, 1992	3.57
No later than December 31, 1993	3.13
No later than December 31, 1995	3.19
Unit 4	
Beginning January 1, 1992	3.57
No later than December 31, 1993	3.13
No later than December 31, 1995	0.60

In order to achieve compliance with the sixty-hundredths (0.60) pounds per million Btu emission limitation for Unit 4, PSI shall install and operate a flue gas desulfurization (FGD) system on Unit 4 as follows:

(A) Select architectural engineer for design of FGD system by July 1, 1992.

(B) Award contract for construction of FGD system and begin construction by July 1, 1993.

(C) Complete construction of FGD system by July 1, 1995.

(D) Begin operation of FGD system by December 31, 1995.

Unit 5	
Beginning January 1, 1992	
New source performance standard pursuant to 326 IAC 12	1.2

Twenty-four (24) hour average	1.10
No later than December 31, 1995	1.10

PSI shall indicate in a certified letter to the commissioner whether it intends to comply with the emission limitations and other requirements under either subdivision (1) or (2) by December 31, 1991.

(c) Notwithstanding PSI's decision to comply as provided under either subsection (b)(1) or (b)(2), PSI shall:

(1) secure contracts by July 1, 1991, for the purchase of low-sulfur coal sufficient to attain and maintain compliance with the applicable emission limitations contained in subsection (b)(1) or (b)(2);

(2) complete test coal burns and engineering studies by July 1, 1994, to determine the need for particulate control upgrades in order to meet the applicable emission limitations;

(3) complete particulate control upgrades, as necessary, by December 31, 1995;

(4) establish procedures and complete equipment installation, as appropriate, for coal blending on Units 1, 2, 3, and 4:

(A) by September 30, 1991, in order to meet the interim emission limitation of three and fifty-seven hundredths (3.57) pounds per million Btu by December 31, 1991; and

(B) by September 30, 1993, in order to meet the interim emission limitation of three and thirteen-hundredths (3.13) pounds per million Btu by December 31, 1993;

(5) turn over existing coal stockpile to eliminate higher sulfur coal by December 31, 1991; and

(6) construct or utilize effective physical barriers, prior to December 31, 1991, to restrict public access to areas of the PSI Gibson property for which modeled violations were predicted based on the emission limitation of three and fifty-seven hundredths (3.57) pounds per million Btu.

(Air Pollution Control Board; 326 IAC 7-4-12.1; filed Nov 5, 1990, 11:53 a.m.: 14 IR 438; readopted filed Jan 10, 2001, 3:20 p.m.: 24 IR 1477)

326 IAC 7-4-13 Dearborn County sulfur dioxide emission limitations

Authority: IC 13-1-1-4; IC 13-7-7
Affected: IC 13-1-1; IC 13-7

Sec. 13. The following sources and facilities located in Dearborn County shall comply with the sulfur dioxide emission limitations in pounds per million Btu and other requirements:

Source	Facility Description	Emission Limitations	
(1)	Indiana Michigan Power Tanners Creek Station	(A) Units 1, 2, and 3	1.2 each
		(B) Unit 4	
		Prior to October 1, 1989	8.3
		Beginning October 1, 1989	6.6
		Beginning August 1, 1991	5.24

Beginning July 1, 1988, coal delivered to the Tanners Creek Station shall not exceed a sulfur dioxide emission rate equivalent to an emission limit of six and six-tenths (6.6) pounds per million Btu.

(2)	Schenley Distillers, Inc.	(A) Boilers 1, 2, 3, 6, 7, and 8	0.6 each
		(B) Boilers 4, 5, and 9	natural gas only
		(C) Boilers 6, 7, and 8	40 tons per year total

		(D) Monthly reports of total sulfur dioxide emissions from Boilers 6, 7, and 8 for the previous twelve (12) consecutive months shall be submitted to the department at the end of each quarter. Sulfur dioxide emissions shall be based on monthly fuel oil usage, average sulfur content, and heating value.	
(3)	Joseph E. Seagram and Sons, Inc.	(A) Boilers 5 and 6 (B) If Boilers 5 and 6 are being operated at the same time, only one (1) of the boilers may use coal or fuel oil. Seagram shall maintain a record of the fuel type used at Boilers 5 and 6 in order to demonstrate compliance with the requirements of this rule. When both boilers are operating simultaneously, daily logs shall be kept. Such records shall be made available to the department upon request. Within thirty (30) days following the end of the calendar quarter in which both Boilers 5 and 6 operated simultaneously, Seagram shall report to the department the fuels used, including daily information for each day during which both boilers operated simultaneously.	1.92 each
(4)	Diamond Thatcher Glass	Furnaces 1 and 2	1.4 each

(Air Pollution Control Board; 326 IAC 7-4-13; filed Aug 28, 1990, 4:50 p.m.: 14 IR 77; filed Apr 18, 1995, 3:00 p.m.: 18 IR 2220; readopted filed Jan 10, 2001, 3:20 p.m.: 24 IR 1477)

326 IAC 7-4-14 Porter County sulfur dioxide emission limitations

Authority: IC 13-1-1-4; IC 13-7-7
Affected: IC 13-1-1; IC 13-7

Sec. 14. The following sources and facilities located in Porter County shall comply with the sulfur dioxide emission limitations in pounds per million Btu (lbs./MMBtu) and pounds per hour (lbs./hr.), unless otherwise specified, and other requirements:

(1) Bethlehem Steel Burns Harbor Works:

(A) The following facilities shall burn natural gas only:

(i) BOF Shop FM Boiler.

(ii) 160 inch Plate Mill Continuous Hardening and Annealing Heat Treatment Furnace.

(iii) 160 inch Plate Mill Boilers No. 2 and 4.

(iv) Batch Annealing Furnaces (24).

(v) Continuous Heat Treat Line – Preheat, Heating and Soaking, and Reheat.

(B) The following facilities shall comply with the sulfur dioxide emission limitations and other requirements:

		Emission Limitations	
Facility Description		lbs./MMBtu	lbs./hr.
(i)	Blast Furnace C Stoves	0.83	545
(ii)	Blast Furnace D Stoves	0.83	545
(iii)	Blast Furnace Flare	0.07	
(iv)	Sinter Plant Windbox	1.0 pound per ton process material	400
(v)	No. 1 Coke Battery Underfire	1.73	803
(vi)	No. 2 Coke Battery Underfire	1.96	911
(vii)	Slab Mill Soaking Pits:		

(AA) No more than nine (9) of thirty-two (32) horizontally discharged soaking pits may be fired on coke oven gas at the same time with total sulfur dioxide emissions not to exceed four hundred eighty-two (482) pounds per hour.

(BB) The remaining twenty-three (23) of thirty-two (32) horizontally discharged soaking pits may burn blast furnace and/or natural gas with total sulfur dioxide emissions not to exceed twenty-four (24) pounds per hour.

(CC) The four (4) vertically discharged soaking pits may burn blast furnace and/or natural gas with total sulfur dioxide emissions not to exceed four (4) pounds per hour.

(viii)	160 inch Plate Mill Continuous Reheat Furnace No. 1 and Boiler No. 1	1.96	299
(ix)	160 inch Plate Mill Continuous Reheat Furnace No. 2 and Boiler No. 3	1.96	299
(x)	80 inch Hot Strip Mill Furnace No. 1, 2, and 3	1.96	79 each
(xi)	110 inch Plate Mill Furnaces No. 1 and 2	1.96	441
(xii)	110 inch Plate Mill Normalizing Furnace	1.07	88
(xiii)	160 inch Plate Mill I & O Furnaces No. 4 and 5	1.96	274
(xiv)	160 inch Plate Mill I & O Furnaces No. 6 and 7	1.96	274
(xv)	160 inch Plate Mill I & O Furnace No. 8	1.96	176
(xvi)	Power Station Boiler No. 7	0.8	520
(xvii)	Power Station Boilers No. 8, 9, 10, 11, and 12	1.45	2,798

(C) As an alternative to the sulfur dioxide emission limitations specified in clause (B), Bethlehem Steel shall comply with the sulfur dioxide emission limitations and other requirements as follows:

		Emission Limitations	
Facility Description		lbs./MMBtu	lbs./hr.
(i)	Blast Furnace C Stoves	0.75	498
(ii)	Blast Furnace D Stoves	0.75	498
(iii)	Blast Furnace Flare	0.07	
(iv)	Sinter Plant Windbox	1.0 pound per ton process material	400
(v)	No. 1 Coke Battery Underfire	1.57	730
(vi)	No. 2 Coke Battery Underfire	1.78	828
(vii)	Slab Mill Soaking Pits:		

(AA) No more than six (6) of thirty-two (32) horizontally discharged soaking pits may be fired on coke

oven gas at the same time with total sulfur dioxide emissions not to exceed two hundred ninety-two (292) pounds per hour.

(BB) The remaining twenty-six (26) of thirty-two (32) horizontally discharged soaking pits may burn blast furnace and/or natural gas with total sulfur dioxide emissions not to exceed twenty-seven (27) pounds per hour.

(CC) The four (4) vertically discharged soaking pits may burn blast furnace and/or natural gas with total sulfur dioxide emissions not to exceed four (4) pounds per hour.

(viii)	160 inch Plate Mill Continuous Reheat Furnace No. 1 and Boiler No. 1	1.78	293
(ix)	160 inch Plate Mill Continuous Reheat Furnace No. 2 and Boiler No. 3	1.78	293
(x)	80 inch Hot Strip Mill Furnace No. 1, 2, and 3	1.78	483 each
(xi)	110 inch Plate Mill Furnaces No. 1 and 2	1.78	401
(xii)	110 inch Plate Mill Normalizing Furnace	1.07	88
(xiii)	160 inch Plate Mill I & O Furnaces No. 4 and 5	1.78	249

If 160 inch Plate Mill I & O Furnaces No. 6 and/or 7 are in operation on a fuel other than natural gas, Furnaces No. 4 and 5 shall not operate or shall burn natural gas only.

(xiv)	160 inch Plate Mill I & O Furnaces No. 6 and 7	1.78	249

If 160 inch Plate Mill I & O Furnaces No. 4 and/or 5 are in operation on a fuel other than natural gas, Furnaces No. 6 and 7 shall not operate or shall burn natural gas only.

(xv)	160 inch Plate Mill I & O Furnace No. 8	1.78	160
(xvi)	Power Station Boilers No. 7	0.8	520
(xvii)	Power Station Boilers No. 8, 9, 10, 11, and 12	1.45 total	2,500 total

(xviii) Bethlehem Steel shall notify the department at least twenty-four (24) hours prior to reliance on the alternative set of limits specified in items (i) through (xvii). Bethlehem Steel shall maintain records of fuel type and operational status of facilities listed in items (xiii) and (xiv) and shall make the records available to the department upon request.

(xix) For the purposes of 326 IAC 7-2-1(c)(2), compliance shall be determined based on separate calendar month averages for the set of requirements specified in this clause and for the set of requirements specified in clause (B).

(D) Coke oven gas usage at facilities other than the No. 1 and 2 Coke Battery Underfire Stacks shall be restricted to no more than seventy-five (75) million cubic feet per day. Total sulfur dioxide emissions from the facilities listed in clause (B)(i) through (B)(iv), (B)(vii)(AA) through (B)(vii)(BB), (B)(viii) through (B)(xi), and (B)(xiii) through (B)(xvii) shall not exceed four thousand four hundred twenty-nine (4,429) pounds per hour. During periods in which the limits contained in clause (C) are in effect, coke oven gas usage at facilities other than the No. 1 and 2 Coke Battery Underfire Stacks shall be restricted to no more than seventy (70) million cubic feet per day, and total sulfur dioxide emissions from the facilities listed in clause (C)(i) through (C)(iv), (C)(vii)(AA) through (C)(vii)(BB), (C)(viii) through (C)(xi), and (C)(xiii) through (C)(xvii) shall not exceed four thousand six hundred thirty (4,630) pounds per hour.

(E) Bethlehem Steel shall achieve compliance with the requirements specified in clause (B) or (C) prior to December 31, 1988. Thereafter, Bethlehem Steel shall submit a report to the department within thirty (30) days following the end of each calendar quarter containing the following information:

(i) Records of the total coke oven gas, blast furnace gas, fuel oil, and natural gas usage for each day at each facility listed in clauses (B) through (C).

(ii) Records of the average sulfur content and heating value as determined per the procedures specified in clause (F) for each fuel type used during the calendar quarter and of the maximum number of slab mill soaking pits burning coke oven gas at any given time during each day.

(iii) The calculated sulfur dioxide emission rate in the applicable emission units (pounds per hour, pounds per million Btu, and/or pounds per ton) for each facility for each day and the average sulfur dioxide emissions from the facilities listed in clause (C)(i) through (C)(iv), (C)(vii)(AA) through (C)(vii)(BB), (C)(viii) through (C)(xi), and (C)(xiii) through (C)(xvii) for each day in pounds per hour during the calendar quarter.

(F) Bethlehem Steel shall submit a sampling and analysis protocol to the department by December 31, 1988. The protocol shall contain a description of planned procedures for sampling of sulfur-bearing fuels and materials, for analysis of the sulfur content, and for any planned direct measurement of sulfur dioxide emissions vented to the atmosphere. The protocol shall specify the frequency of sampling, analysis, and/or measurement for each fuel and material and for each facility. The department shall incorporate the protocol into the source's operation permit per procedures specified in 326 IAC 2. The department may revise the protocol as necessary to establish acceptable sampling, analysis, and/or measurements procedures and frequency. The department may also require that a source conduct a stack test at any facility listed in this subdivision within thirty (30) days of written notification by the department.

(2) Northern Indiana Public Service Company Bailly Station:

Facility Description	Emission Limitations lbs./MMBtu
(A) Boilers 7 and 8	6.0 each
Boilers 7 and 8 shall be fired with coal, fuel oil, or natural gas.	
(B) Gas Turbine 10	natural gas only

(3) Midwest Steel:

Facility Description	Emission Limitations lbs./MMBtu
Babcock and Wilcox Boiler 1 and Erie City Boilers No. 1, 2, and 3	1.33 each

Only two (2) of four (4) boilers may burn fuel oil with a sulfur dioxide emission rate greater than three-tenths (0.3) pounds per million Btu at the same time. Midwest Steel shall maintain records of fuel type for each boiler for each hour. The records of fuel type shall be made available to the department upon request.

(4) Air Products and Chemical:

Facility Description	Emission Limitations
All boilers and the No. 3 Hydrogen Reformer	natural gas only

(Air Pollution Control Board; 326 IAC 7-4-14; filed Aug 28, 1990, 4:50 p.m.: 14 IR 78; readopted filed Jan 10, 2001, 3:20 p.m.: 24 IR 1477; errata filed Dec 12, 2002, 3:35 p.m.: 26 IR 1568)

*